

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	10/551,895
				Filing Date	2005-10-04
				First Named Inventor	PROCTOR JR.; James A.
				Art Unit	2618
				Examiner Name	MILORD; Marceau
Sheet	1	of	4	Attorney Docket No: 080591	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	001	US5963847	10-05-1999	ITO; Kazuhito et al.	
	002	US6888881	05-03-2005	NAGANO; Junichi	
	003	US7058071	06-06-2006	MYLES; Andrew F. et al.	
	004	US7729669	06-01-2010	VAN BUREN; V. Alan et al.	
	005	US20030063583	04-03-2003	PADOVANI; Roberto et al.	
	006	US20050190822	09-01-2005	FUJII; Hiromasa et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	007	JP07131401	05-19-1995	NIPPON TELEGRAPH & TELEPHONE.		<input checked="" type="checkbox"/>
	008	JP09130322	05-16-1997	KOKUSAI ELECTRIC CO LTD .		<input checked="" type="checkbox"/>
	009	JP09162801	06-20-1997	R C S KK.		<input checked="" type="checkbox"/>
	010	JP09214418	08-15-1997	MATSUSHITA ELECTRIC WORKS LTD.		<input checked="" type="checkbox"/>
	011	JP10107727	04-24-1998	HITACHI LTD .		<input checked="" type="checkbox"/>
	012	JP11298421	10-29-1999	JAPAN BROADCASTING CORP .		<input checked="" type="checkbox"/>
	013	JP2001016152	01-19-2001	mitsubishi electric corp .		<input checked="" type="checkbox"/>
	014	JP2001136115	05-18-2001	MITSUBISHI ELECTRIC		<input checked="" type="checkbox"/>

EXAMINER SIGNATURE

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	10/551,895
				Filing Date	2005-10-04
				First Named Inventor	PROCTOR JR.; James A.
				Art Unit	2618
				Examiner Name	MILORD; Marceau
Sheet	2	of	4	Attorney Docket No: 080591	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
				CORP .		
	015	JP2003198442	07-11-2003	HITACHI LTD., et al.		<input checked="" type="checkbox"/>
	016	JP2003244050	08-29-2003	HITACHI CABLE LTD, et al.		<input checked="" type="checkbox"/>
	017	JP2004056210	02-19-2004	MATSUSHITA ELECTRIC IND CO LTD .		<input checked="" type="checkbox"/>
	018	JP2005072646	03-17-2005	TOSHIBA CORP., et al.		<input checked="" type="checkbox"/>
	019	JP2005110150	04-21-2005	NIPPON TELEGRAPH & TELEPHONE.		<input checked="" type="checkbox"/>
	020	JP2005236626	09-02-2005	NTT DOCOMO INC .		<input checked="" type="checkbox"/>
	021	WO0199308	12-27-2001	mitsubishi electric corp [JP]		<input checked="" type="checkbox"/>
	022	WO2004001892	12-31-2003	TANTIVY COMM INC [US]		<input type="checkbox"/>
	023	WO2004036789	04-29-2004	WIDEFI, INC. [US]		<input type="checkbox"/>
	024	WO9715991	05-01-1997	NTT MOBILE COMMUNICATIONS NETWORK INC. [JP]		<input checked="" type="checkbox"/>

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
	025	Translation of Office Action in Japanese application 2007-513349 corresponding to US application 11/546,242, citing WO04032362, WO2004001986, JP09214418, JP07131401, JP2004056210, JP2000082983, JP09130322, JP2003244050, JP2003198442, US6377612, JP2006503481, JP2002111571, JP09162801, JP2005531202, WO2004001892 and JP10107727 dated 2010-11-16 (080592JP) .	<input type="checkbox"/>

EXAMINER SIGNATURE

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	10/551,895
				Filing Date	2005-10-04
				First Named Inventor	PROCTOR JR.; James A.
				Art Unit	2618
				Examiner Name	MILORD; Marceau
Sheet	3	of	4	Attorney Docket No: 080591	

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2	
	026	Translation of Office Action in Japanese application 2009-526736 corresponding to US application 12/307,801, citing US20040110469, US20060019603, JP2005072646, JP2001016152, JP11298421, JP2001136115, JP2005110150, JP2005236626, WO9715991 and WO0199308 dated 2011-01-04 (080606JP).	<input type="checkbox"/>	

**EXAMINER SIGNATURE****DATE CONSIDERED**

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

*If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.*